



University
Archives

P81-0424.(39)

Vol. 51 WEDNESDAY, JANUARY 29, 1952 No. 7

MAD GRAD BALL

By the time the average Skuleman has waded through four years of Engineering, he is pretty tired of pushing back the waters of ignorance. He would actually prefer to just lie down and float for awhile, and take the evening off. And if he could perchance induce some fair damsel to accompany him for the evening, then they could float off together into the never-never land. Just picture the romantic situation as they drift across the placid waters, making loon cries to one another while the sun sinks behind the pines. Such idyllic hydraulics!

But perhaps this is rushing the season slightly. Moreover, it is entirely possible that this illusion will be completely wasted on those unfortunate individuals who cannot swim, to say nothing of floating on one's back and making loon cries at the same time. So enough of the waters of ignorance.

Perhaps you are one of those who, believing your academic labours to be nearing the end, and realizing the benefits to be derived from such things, imbibe. You may be the type that merely has it on hand, or perhaps you prefer to have it in the hand. And once you get to the point where you get heavy-handed, it is just a matter of time until you're out-of-hand.

It might be that you prefer the formal touch for a final fling. Breakfast in bed at 10:15, stock quotations and Financial Post at 11:00, the Banker's Club at 1 sharp, then on to the races at 3:00, and finally the Inscrutable Club for shrimp and pheasant, up to the gaming rooms till 9:30, then two or three embassy receptions and finally to bed at 12:45. Being philanthropic, you have, of course, given the chauffeur the evening off. Ah — the exotic life of the 'I'm - indispensable - and - won't - the - stock - market - show - it' type.

However, should you by any chance be the gay blade, the entertainers' entertainer, the 'savante', the 'artiste', or the 'Lotsa Lafts' type; Toronto is simply not your town. But anyone can

dream, can't they? Or is this psychologically unfashionable now? Ah well. — Vive Montreal, Paris, Lisbon, London, Buffalo (?), Naples, etc.

But perhaps you needn't dream about such things after all. Certainly, after four years of lectures and labs, it is right and proper that all the loose ends be tied together properly, socially speaking. This year's Grad Ball will indeed do just that. It offers you the illusions, the drinks, the formality, and the entertainment that such a situation demands.

You have been through 8 years of public school, 4 years of high school, and 4 years of University — total of 16 years of unparalleled diligence in the history of Western civilization! Let's put the polish on the apple, and then eat it. We feel it is the social obligation of each graduating Engineer to support this year's Grad Ball by going to the Royal York on February the 20th, and having himself the best time "since Eve ate the apple."

It is suggested that the pregame warm-ups, (i.e. cocktail parties etc.) be arranged early, since the banquet dinner starts at 8:45 p.m. On entering each person will receive a truly fabulous favour, conjured up out of the dank, dark atmosphere of deepest Africa! Programmes, especially designed and executed by native craftsmen at considerable cost are being rushed to meet the deadline. For your dancing enjoyment, three bands have been secured. Benny Louis will hold sway in the Concert Hall from 11 till 3, while Ken Dean (9-1) and Peter Appleyard (1-3) provide alternative entertainment. The Bar established this year under the capable direction of Mr. Chas. King (IV Eng. Bus.) will remain open until 1 a.m. for your convenience.

This year's floor show features singer Juliette, and comedian Billy Meek. A professional photographer will be on hand to record your illustrious glow for posterity. In short, you can't afford to miss this year's Grad Ball.

BLOOD CAMPAIGN



PREPARING FOR THE RITUAL — Nurse Watson (IV S.P.S.) with happy look on face, prepares to minister to Engineer Hallamore (IV S.P.S.) . . . with happy, happy look!

The Canadian Red Cross Society



BLOOD DONOR SERVICE

Dear Skule Donor:

With its future entirely dependent on the generosity of volunteers, a Red Cross free blood transfusion service is now available in all hospitals in Metropolitan Toronto.

Under the transfusion service plan, the blood is provided free of charge to hospitals. To meet the costs of laboratory work in cross-checking and matching blood types and of transfusion equipment, the hospitals will levy a charge of \$5.00 per bottle. Hospital plans such as Blue Cross and Workmen's Compensation will pay such charges. After a provincial hospital plan comes into effect, the recipient of a transfusion will be spared the charge altogether.

To provide the more than 2,000 blood donations needed every week, donors are being enrolled in factories, offices and home. One such mobile clinic will be visiting the University the week of February 10th. Everyone between the ages of 18 and 65 and in good health should be a volunteer donor. Giving blood is easy . . . it doesn't hurt nor harm you. And it only takes half an hour of your time.

Pat Harrison (Public Relations)

Bloody Challenge

Our motto is "I'm a bloody 'Engineer'; our purpose is humanitarian; and our method is as follows: First, Skule has challenged the rest of the campus in blood donations! Full support for the cause is required if the challenge is to be successful.

Today and tomorrow the class reps will request each Skuleman to sign a pledge card. It is suggested that classes go as a group to donate. It takes about 30 minutes all told, including time for testing, registration, rest, and refreshments. The actual giving of blood takes only 4 to 5 minutes. A person may give blood once every three months without ill effect.

On Monday Feb. 3, and Thursday Feb. 6 donor booths will be set up in the Engineering Building, staffed by young lovelies from Nursing and the Red Cross.

Should you manage to elude these careful preparations, you may still assert your independence by registering directly at the Blood Donor Clinic. Remember, there is no substitute for blood . . . it cannot be manufactured . . . it can only come from people. When you are canvassed, be sure to sign the donor enrolment card. Remember also, a life may depend on your decision.

YOU GIVE---THEY LIVE

TOIKE OIKE

Devoted to the interests of the undergraduates of the Faculty of Applied Science

Published every now and then by the Engineering Society of the University of Toronto

Opinions expressed are not necessarily those of the Engineering Society or its officers.

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BUSINESS MANAGER
PHOTOGRAPHER
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Blood Donors

Once again the students on this campus are being asked to donate blood to the Red Cross Service. Once again, Engineers are expected to lead the rest of the campus in the gross quantity of blood donated, as well as in the per capita average. There are several reasons why these expectations should be fulfilled.

In posters and advertisements publicising the campaign, the urgency of the need for blood is emphasized. In this age of high pressure publicity, one understandably differentiates little between the various causes being promoted. Savings banks, life insurance and the pause that refreshes may all be worthy projects, but there is little need to take time out from our daily routine to contemplate their virtues. The Blood Campaign however, merits serious reflection. The fact that blood given by someone here may save a life in the future is not an idle slogan. It should be considered our solemn responsibility as healthy individuals to donate blood towards those less fortunate than ourselves. The effort and discomfort involved are little, the possible effects are great.

We, as Engineers, should consider the success of this campaign our special responsibility. We are provided with an opportunity to show that our enthusiasm and Skule spirit is not confined to high jinks. There could be no more worthy way in which we could demonstrate Skule spirit than in boosting Skule's blood contribution to an all time high.

We have led the campus in many respects before. In this, our latest endeavour, let each play his part and give, so that others may live.

The Class Of 5T8

The class of 5T8 is now preparing to make the transition from engineering undergraduates to professional engineers. Less than four years ago, they made another important advance, the change from high school to university. The process of transition in the latter case was memorable — it included the famous Engineering "riot" of 1954. What will be the effect of releasing this class to industry in 1958?

The industrial development of the country is now at a critical period. The engineers needed must be not only technically competent, but responsible individuals as well. Many will be called to guide the growth of great industrial projects, others to fill executive positions in large corporations, while all must give directions to those under their supervision. Those involved in the riot of 1954 would hardly have been considered then to have the qualifications these responsibilities will demand. What has been the effect of their course of study in this Faculty?

Some useful idea may be gained by looking at the achievements of this class. If this is done, one will be led to believe that our Faculty has done its job well. Those unacquainted with the processes of Engineering education adopted in the faculty have frequently been critical of its methods. Our courses, we are told, do not encourage broad intellectual development, — our graduates are glorified technicians.

The student organizations of S. P. S. show that there is no real basis for the accusations above. The leaders of these organizations exhibit qualities of leadership which are second to none on this campus. The affairs of the Engineering Society are conducted with an efficiency which is laudable. Many of the now leaders were among the rioters of 1954.

They have completed the transition creditably. There are indications that the others of the group are no less responsible, no less mature.

The movement of the class of 5T8 from University to industry should be a happy one for industry.

The Pros And Cons Of Graduate Studies In Engineering - by Dr. J. M. Ham

The question of whether or not you do graduate studies should first and foremost be considered in relation to your innate abilities and objectives as a person. Nowadays it is fashionable to cite sputniks, the need for Canadian technological independence, and general national growth as reasons why more young engineers should take postgraduate studies. In a national sense these factors are important but they do not make the individual decision easier.

Undergraduate study is often frustrating in that there is rarely time to dig into an interesting problem, to look at it from different directions, and to see it in the perspective of a whole engineering field. Graduate work in the best schools provides such an opportunity, opportunity of close encounter with the minds of staff and fellow graduate students, and time for contemplation as well as hard work.

Do you have the ability to do graduate work? If so, to what level should you study, the Master's degree or the Doctor's degree? Should you proceed directly to graduate school or work for a year or two first? Should you remain at your undergraduate school, stay in Canada, or go to a foreign country? Is marriage a problem? Can you afford the financial cost?

If after discussion with the staff you are not sure that you want to do graduate work, get out and work for a year or two before making a final decision.

If you have honour standing in undergraduate school you need not hesitate to consider some graduate work. If you do not, but seriously think of graduate work, discuss the question with members of the staff. Graduate schools have academic entrance requirements somewhat higher than those for undergraduate school, but they do not always require first class honour standing. Nevertheless numbers are limited in all good schools and competition for admission may be keen. Applications for admission should be submitted several months before study is to start.

The value of graduate study depends very greatly on the call-

bre of the staff and the physical resources for research work. In selecting a school the guidance of someone who knows it should be sought. Since good graduate schooling can be an immensely broadening personal experience the selection of a school should not be based on academic factors alone. While it is the delight of everyone on the staff to have the best undergraduate students stay on for graduate work, it may not be wise for one to do so. As far as circumstances permit, graduate school should be a time for personal independence and new encounter. If the best school in the field of your interests is anywhere in Canada, England, the U.S.A., or Russia, and you can manage to go, do so (but come back to Canada!) However, do not rule out your undergraduate school if its graduate work in your field is good.

Although graduate academic fees are often lower than under-

graduate fees it is probably wise to base one's financial analysis on total annual expenses in undergraduate school. Schools will provide cost estimates for you. Living expenses are usually the dominant factor. Many schools offer to prospective graduate students part-time or full-time jobs as teaching or research assistants. Such positions usually pay enough to make ends meet but prolong the period of attendance required to obtain a degree (because only part of a full-time study program can be carried along with the teaching or research assignment). But such appointments can be particularly worthwhile for anyone interested in an academic or research career. It is becoming more and more common for graduate students to be married. Provided your wife or husband can keep you as a student "in

Dr. Ham is the associate professor of Electrical Engineering. His undergraduate days were spent here at U. of T. and he has a Doctor of Science degree from M.I.T. Dr. Ham has always shown a keen interest in student activities.

the manner to which you are accustomed" . . . all will be well!

There are graduate study scholarships open to general application at most schools. In addition there are for example in Canada, National Research Council scholarships that can be held anywhere in the country and sometimes outside Canada. Graduate scholarships should be applied for about Christmas of your final undergraduate year.

The time taken to obtain the postgraduate degrees varies somewhat from school to school and widely between individuals. For full-time study after the Bachelor's degree, one calendar year is average time to the Master's degree, and three to four years is an average time from the bachelor's degree to the doctorate. On part-time study programmes these figures will usually be increased but not necessarily doubled say for half time work. The doctor's degree is much the larger undertaking.

While some U.S. graduate schools now award Master's degrees in engineering without thesis work, the core of graduate study is almost universally regarded as the thesis. The essence of the graduate thesis is the independent work of the student on an experimental or analytical problem arising at the frontiers of his field. The doctorate thesis must make a significant contribution to engineering knowledge of the thesis problem. It differs from the Master's thesis in scope and depth but not in spirit. Whether you should study to the Master's or Doctor's degree is a question best answered after consultation with the staff. Many students defer the decision until they obtain the Master's degree, although such a procedure is not necessarily wise.

Graduate study will reveal to you more unsolved engineering problems than it will solve. It is not absolutely essential for any career nor are its degrees, as mere degrees, worth the investment of time. Graduate study is justified solely by the power it gives you as a person to make effective use of your latent abilities. —>

To The Editor:

The other day we had the pleasure of reading your editorial on women drivers (TOIKE OIKE —Wednesday, January 15, 1953). It is indeed refreshing in this age of prejudice and bigotry to find that a paper of a faculty which is predominantly male has taken this tolerant stand on such a controversial issue.

We, Artswomen with our rather narrow course, have never realized our great debt to Engineering in this particular field. Of course, there are still (we blush to admit it) less enlightened members of our own sex who persist in claiming that it is for men that these innovations in cars have been introduced and that it is principally men who drive around in red sports-cars, leaving behind them a trail of dust, and disaster. These women even sneer as they point to the gross statistics listing overpowering percentages of accidents occurring because of the reckless male driver.

But we who have benefited from your editorial, realize that men causing accidents in previous days must have been the effeminate members of the stronger sex —men unable to achieve "the mental and muscular co-ordination which operation of the clutch and gearshift demand."

Did you read of the recent accident in which the gentleman driver was charged with negligence for killing the pedestrian

SHARE Scholarship Campaign

Final returns for Skule's Scholarship Campaign are now in and the results speak well for Engineers.

This year the Engineering Society decided to run a campaign to sponsor a particular scholarship for a foreign student as Skule's contribution to the campus Share Campaign. It was felt that the Engineers would be more inclined to donate if they knew the exact destination of their money. Consequently the contribution made by S.P.S. to "Share" has been earmarked to provide a scholarship for a graduate in our faculty. The Engineering Society is working in conjunction with the World University Service in choosing the student who is expected to come from Lebanon or Egypt.

on the Safety Island? Surely the charge was laid by maligners of the male sex. Who could be angry with him for reluctantly yielding his arm and attention to the attractive female beside him? Undoubtedly she forced the issue!

In conclusion, we wish to express our deepest appreciation to the Engineers for the "Rocket Flight transmission" and other similar conveniences. What would we do without them? Even the Russians have not done so much for the weaker sex!

Lisa Browning, II Arts
Nan Saegel, II Arts.

One of the university residences has offered board and lodging at a reduced rate as well as a \$50.00 subsidy to cover incidental expenses.

Although only 78% of our objective of \$1500. was collected, the results show a sizeable increase over previous years. This year's donation was almost four times that of last year and two years ago only 11% of the objective was obtained. The overall campus Share Campaign realized an effective increase of \$1,300. this year, 60% of which was attributable to S.P.S.

The Eng. Society wishes to thank sincerely the students and Staff for the support which they gave this venture and trust that all will share the dividends when the student becomes a part of Skule next year.

The fund will be administered by a sub-committee of the Engineering Society.

Here is a breakdown of this year's contribution:

Collected directly through class reps:	\$576.92
Revenue from Auctions:	\$342.11
Contributions from the Faculty:	\$147.67
Revenue from Lost & Found Sale:	\$ 93.35
Total	\$1160.03
Expenses	15.23

Net Total \$1144.80

First H.H.S.N. A Success

Toike Oike can claim to be the first campus newspaper to disclose plans for the new "Hart House Saturday Night." Whether this had any effect or not is difficult to say, but the first informal "House" Party proved to be a complete success. Despite inclement weather, close to 200 people turned out to an evening of dancing in the Music Room, films in the Graduate Dining Room, listening to music in the Record Room, and of course, refreshments. Attendance at the films was so large that the committee in charge is considering the use of the Debates Room for the next occasion.

Music for the evening was provided by records, so that guests could, to some extent, choose their own music. However, now that it has been proven that an informal "Saturday Night" fills a

need, there is likely to be even better equipment available next time, with a larger selection of dance music by name bands.

Highlights of the film programme were first, a Norman McLaren short entitled "Rhythmic" and second, the first campus showing of the 1957 Shrine All-Star football game. The entire programme was devoted to light, humorous entertainment, hence at times the halls were filled with loud chuckles.

The conclusion arrived at by most was that the evening was a most enjoyable yet inexpensive night's entertainment. The warden was on hand to welcome everyone personally, providing a warm invitation to a cosy "evening-at-home" at Hart House, an invitation which we trust will be extended once again in the very near future.

Grad Ball In High Fidelity



JULIETTE

The Grad Ball has fallen! After many weeks of deliberation and much deep research the committee has decided that the 1958 Grad Ball must be produced in full, dynamic, high-fidelity.

Industry — the power behind high fidelity has led the way with the production of a multitude of vital items ranging from hi-fi adventures in a complete frequency range, all the way to hi-fi hits for hoboes with wide transient response; and alas, we must follow suit — the Grad Ball will be in hi-fi!

One of the qualities of high fidelity is the third dimension effect and from the pictorial evidence included our intermission headliner has just that! Yes, "Our Pet — Juliette" will star in the intermission show, backed up by the not-so-mild comic — Billy Meek. Juliette — a Winnipeg gal, has had a tremendous variety of experience in the entertainment business. She started her professional career on the west coast at the age of ten and since then she has done much troop entertaining and has appeared frequently on coast to coast television, once turning down an offer

with the Harry James orchestra to stay in Canada. At our request, she has promised to put on a special hi-fi show, with plenty of the third dimension evident.

Traditionally, every Grad Ball begins with the dinner and during this sumptuous repast you will be serenaded by the Jim Macdonald Trio. This group has been imported at great expense because they are specialists in the field of hi-fi mood recordings, such as, "Music To Digest By" and "Music To Drink To", etc. Dancing will follow the dinner, and who else but Benny Louis would consent to provide a dance band equipped to produce the dynamic range required by high-fidelity. Benny will hold forth from 11:00 p.m. to 3:00 a.m. in the Concert Hall producing dancing sounds of the utmost clarity and brilliance.

No production in high-fidelity would be complete without some jazz, and jazz we shall have. From 9:00 p.m. to 1:00 a.m. in Hall "B", Ken Dean and his "orthophonic" Dixieland Quintet will produce the best available in up-tempo, toe-tapping Dixieland music, guaranteed to set you jumping, tails and all! The Grad Ball is per-

Electrical Club News

Sports Events

Following last year's precedent, the four Electric years will compete for the glorious Electrical Trophy. Here are a few facts about the sports program. The trophy will be awarded to the year which accumulates the most points in the scheduled games. The events will consist of basketball and hockey with a point given for a win, a point for fielding a team and minus infinity for a default. There will be three games of hockey and three games of basketball scheduled for each year.

The basketball games will be played at Hart House, with casual refereeing. It is hoped that there will be an adequate supply of fans.

The hockey will be played at Varsity Arena and the special referee will be none other than Hugh Bolton, a semi-retired Maple Leaf hockey player. Hugh is now enrolled in Electrical Engineering and is presently in third year. This year the hockey will be played in a two hour melee and each year will be expected to enter a team. Each year will play each of the other years and a winner will be selected after the game. The game will be played on February 7, 1958, 5:30 p.m. to 7:30 p.m., and a good turnout is expected.

Last year the class of 5T8 metrogabolized and paralyzed all the other years and in so doing won the trophy. This year the class of 5T8 has been enhanced with several military men (R.M.C. and R.R.) and it looks as though they will repeat the feat. Remember this may be your last chance to board or foul your friends and classmates, so if you can skate or run, join a team.

The old Skule Spirit has been pretty low this year. Let's show the rest of the faculty that it requires very little effort to show spirit. Again the Electrical students are reminded it is their Club and the success of this operation depends entirely upon their participation. So let's get activated, help your class representative to organize the teams.

Electrical Club Invites Several Staff Members to Grad Ball

This year, as in the past, the Electrical Club will invite five of the Senior Electrical Staff to be their guests at the Grad Ball. The invited guests are to be: Professors V. G. Smith, J. E. Reid, G. Sinclair, J. Ham and G. R. Slemmon. Professor G. P. Tracy will be a head table guest of the Engineering Society and the club elected to invite the above staff members.

The Grad Ball is the dance of the year and possibly will be the only formal which some will attend. Good advice to the graduating class would be, to do their utmost to attend this function. It will be the last formal gathering of students and staff and for many it will probably be the only opportunity for them to wear a penguin suit.

Take the lead, line up a chick, rent a tuxedo and buy a duet for the big nite. Remember the Engineering Society has planned this big event for several months and our support is all that is required for the party.

haps the high point of the undergraduates' social life and to complete the entertainment and also to round out an exceptional hi-fi evening we have obtained the Peter Appleyard Quartet. Pete, who leaves shortly after the Grad Ball for an important engagement in the States, has the best known modern jazz group in the Toronto area, and is on his way to becoming well known south of the border. He will "dig the most" in the way of Shearing type jazz from 1:00 a.m. to 3:00 a.m. in Hall "B".

Selective high-fidelity means music you want to hear, in the manner you want to hear it. It best describes the entertainment at this year's Grad Ball!!

—P. Scholfield.



OUR TREASURER'S IN THE HOLE AGAIN!

GRADUATES

A Representative of

Canadian Westinghouse

Will Visit the Campus

FEBRUARY

6th, 7th & 8th

Engineering Graduates interested in a career with this leading Electrical Company, please contact your Placement Office for an appointment.

THIRD YEAR STUDENTS

A few openings will be available at Canadian Westinghouse for Third Year Students this summer.

For information in regard to submitting written applications to the Company see your Placement Office.

CANADIAN WESTINGHOUSE Co., Ltd.

HAMILTON, ONTARIO

The \$64,000 Question

So you think that your course is the only one that is worth a pinch of snuggle-snuff at this end of the campus and, to get right down to it, that your particular class is the finest example of a cohesive group of engineering intellectuals that have ever graced the halls of Skule?

Well, here is your big chance to prove it. On Friday, February 7th, the annual Students' Night, sponsored by the Engineering Institute of Canada, will be held in the Debates Room of Hart House, starting at 8:00 p.m. Once again the programme will be based upon that well known TV effort, the 64,000 Dollar Question. The contestants will be drawn from each year of each Engineering Club and they will do battle with questions based upon Geography, the University, Sports, General Knowledge, and Engineering Technology. Some of the questions will be answered by the collective effort of the four members from each Club while others will be answered by the specific year representatives.

Naturally, it is a contest between each Club, with the winning group collecting a handsome pocketful of folding stuff; however, there will be cash prizes for every contestant, no matter how well he does. Although it will not be enough to buy forty beers, it could probably buy forty sniffs.

Last year, Engineering Physics carried off top honours, mainly because they were very careful in their selection of representatives. The only way for the other Clubs to take the lion's share of that cold, hard cash is to make sure that they enter their most knowledgeable men. In the not too distant future your class will be asked to select its representative; make sure he will be a good one.

And, when the evening of Friday, February 7th, rolls around, get your class out to support your man, for who knows, when he emerges victorious, he will probably want to have a little party with his winnings.

—N. M. S.

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Representatives will be at

University Of Toronto

February 6th, 1958

to interview candidates for positions in

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(One Year Training and Development Program)

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Please see your Placement Office for additional information and to apply for an interview

What Do Employers Look For In An Interview?

By COL. J. K. BRADFORD,
Director, University Placement Service

selection process is a careful one of constantly matching the hole in the jig-saw puzzle that represents the opening, with the highly individual piece that represents the man. And with all this, the employer must look ahead and try to find men who will grow with him until they can fill posts of more and more responsibility in his organization. It is almost a four dimensional jig-saw puzzle.

There is another danger in standardization of individuals. Some schools deliberately train men in taking employment interviews. The result is a highly organized approach that has actually resulted in one recruiter stating, "I always shudder when I see a man coming in from the Blank School. I can never find out anything about him. He always interviews me!" So be yourself. If you are the right man for the job, you will have full consideration as a person.

We have hinted that company information can be greatly improved. But that does not say that it is non-existent. There is a great deal of factual material in the booklets that have been supplied to the University and that are now in your libraries. And a company is justified in expecting that your interest in them is active enough that you have read and thought about what they have told you in their advance material.

Other factors vary with the work to which you are going. If it involves a high degree of technical competence, the company will expect that the applicant has shown ability along this line by his success in academic work at the University. If the job requires the ability to work with other people, extra-curricular activities may be the deciding point. If you are going to spend your time in basic research or control laboratories where you use a skill in evaluating results and ability to report those results concisely and clearly, the company may look for a more introvert personality than they would expect in the man who must supervise a group of others.

But some things are basic. Personality, appearance, mental alertness and integrity are always plus values. When you make that interview, you are in competition with applicants from every part of Canada. Don't lose points on the obvious things. You need not be nervous. Remember, the company is even more eager to find the right men than you are to get that opening with them. They have come to Toronto because they know that a graduate of the Faculty is equal to any on the continent. They have invested a great deal in arranging this interview, and they will invest a great deal more in training the men they get. So go in there and get acquainted with the company through its representative. If you are the man they have been looking for, they will take it from there.

Within a short time, a considerable number of employers' representatives will come to Toronto to talk to graduates and post-graduate students. It was not always like this, organized interviewing started on this campus about ten years ago. In the hungry thirties some engineering departments had no inquiries at all, and those graduates who were fortunate enough to hear of openings usually had to go to the employers' offices to make an application. Later, some job offers came directly to a department, but if the employer was interested in more than one department, he usually made separate arrangements with each one to see a few selected students.

The change in methods came after the last year. Industry had become more mechanized, and new technical developments were following each other with increasing rapidity. Manpower had, almost overnight, become one of Industry's most valuable raw materials, and industry found that it was a material that required specialized handling and care. An entirely new conception of personnel relations developed, and one of the branches of this evolving profession was that of university recruitment.

Like all new occupations, there were many approaches to an adequate method of procedure. Some universities had always had a department that incorporated student placement with their broader counselling functions. Most had none. Some industries sent their local managers over to talk to the graduates, some picked an employee who was unoccupied at the time and so available, some few selected a special type of personnel officer who devoted his time to seeking a broader understanding between the University, its students, and his own company. It was, in a way, a case of the survival of the fittest. And while there are many ways in which the present system can be improved, when the employers come to Toronto, you will see a method in operation that the generation before you had not even imagined.

Suppose we try to look at this through the eyes of the interviewing company officer. In the first place, he is usually a good representative of the organization which employs him. He may be a special man trained to his work as a career, he may be an official of the company who is directly interested in employing you in his own department, or he may be a man selected for this particular set of interviews because the company feels that he is capable of assisting you to know the company, and the company to get to know you. But whoever he is, while he is on campus he is The Company. So, it is good public relations to select someone who will give you an adequate impression of the employer's organization that you will carry away with you when you leave the interview. And

when you remember that as Engineers you will always be responsible for dealing with many technical producers outside of the firm in which you are employed, first impressions are very important ones.

The interviewer should be well instructed in all the departments of his company. Most inquiries are fairly well patterned during a series of university visits. In fact, some employers have tried to cover the common inquiries in their distributed literature. We believe that this branch of employer relations will show considerable improvement over the next few years. But at this time the most constant source of information is through the representative sent to talk to you.

He must be able to establish a friendly atmosphere with ease. Remember that the effective length of the interview you will be having will be about twenty minutes. The additional five minutes is allowed for the employer to make a quick note of his own impression afterwards. If he is going to see you as you are, he wants to make it easy to talk. And he wants some answers to his own queries. Consequently he will find out some things about you indirectly while he is chatting about your specific requirements. Of course, most of the routine information is on the form you have handed to him at the beginning of the interview. Whether you use our special short form, or whether you are requested to fill out the company one, the trained interviewer can pick up the things he needs from time to time by a split-second glance at the part of the page where he knows he will find it.

Above all, the recruiter must have a special knack. One of the employers who will be talking to some of the classes this year, who has been coming to the University for many years, once said, "When a man walks through that door, I want to see him in the company where I am, working with the people I know, doing things the way we do them." He went on to say that although he always started an interview with the presumption that the applicant would be suitable for employment, many university graduates seemed to be determined to prove the opposite! It takes a very special skill to be able to recognize a good prospect despite himself.

What do employers want? There are studies on this which have gone to the extent of listing the 98 most used interviewers' questions. There are tabulations of the Attributes of the Successful College Graduate. All of these exhaustive reports seem to ignore one very basic fact. No two jobs are exactly identical, any more than any two men are the same in all their abilities, ambitions and motivations. Consequently the



JOB HUNTERS

Winter Carnival

By BRUCE BARRET

Tomorrow at 1.00 p.m. in front of Hart House the annual University of Toronto Winter Carnival will be officially opened. In the past this event has enjoyed various degrees of success depending primarily on the unpredictable weather. This year we have snow — this year we will have a successful Carnival. Provided, of course, that the students of the University can still master up that youthful enthusiasm that appears after a snowfall like the one we had last weekend.

Let's have a look at the program for the carnival which lasts for 3 days from January 30 to Feb. 1 inclusive. After the opening ceremonies the spotlight will be focussed on the front campus where the Snow Princesses representing the various colleges and faculties will be displayed in shiny convertibles. Here these lovely young ladies will begin a series of competitions to assist the judges in selecting a Carnival Queen from among them. Don't miss seeing the Princesses mix the batter for, cook, and actually feed pancakes to a real living person and yes, those two hardy individuals you see wandering in and out of the igloo do live there — for the duration of the carnival anyway.

Financial trouble has caused the cancellation of the Mutual Arena portion of the carnival, but the Outing Club has planned a sing-song at the igloo around 9.00 p.m. on Thursday. On Friday at one, the Inter-faculty chariot race will be run around the front campus. Certainly no one could possibly beat the Skule entry in this race of races, but it might be just as well to be on hand to support our charioteers

— verbally only, gentlemen. In the evening the hockey Blues will meet the University of Montreal in Varsity Arena in a regular league hockey game. Between periods Charles Snelling, Canadian Olympic skater, and the Varsity Cheerleaders will put on a skating exhibition.

The Carnival Queen will be crowned on Friday night at the arena and the snow sculpture prize will also be presented. You haven't heard about the snow sculpture contest? What did you think those lovely snow carvings on St. George and around campus were for?

On Saturday the Carnival moves to the Caledon Hills farm — it's easy to find, just ask in Hart House where it is and don't worry about getting stuck if you drive up, there'll be a tractor to pull you out. Or you can sign up to go by chartered bus when you go up to the S.A.C. office to register for the farm, if you wish.

At 11.00 a.m. the inter-faculty competitions for the Forestry trophy will begin. Skule is not yet fully represented in sawing, chopping, orienteering (that's pathfinding with a map and compass) skiing, snowshoeing or the sleigh race. If you want to represent S.P.S. in any of these events sign your name to the sheet on the athletic notice board and you will be contacted. At 2.00 in the afternoon the Golden Rule Hockey Tournament will begin with Forestry playing P.O.T., Meds playing St. Hilda's, and S.P.S. playing the Vic girls. The boys will have to use brooms, and the tournament champion will be selected on the basis of goals scored, good sportsmanship, team play, etc. Just like the Red Feather Football Tournament. Food will be available at the

And They're Off....

On Feb. 21, a large contingent of Engineers and lovely ladies will depart for Montreal to participate in the eleventh annual McGill Winter Carnival Revue, a show staged during the McGill Carnival. The revue consists of the top numbers from the top shows in eastern North America. This year U. of T. is being represented by Skule Nite 578.

According to the latest word received by the producer, the McGill show will consist of two acts from each of the McGill Red and White Review, (the founder of My Fur Lady), Dartmouth College "Injuinaires", Vassar "Flora Doras" (Vassar is one of the top all-female universities in the U.S.), the Wellesley Widows (Wellesley is another all-female school), and Skule Nite. Skule Nite is being represented in this impressive list by the Skulehouse Four, Hank Malco (assistant director of Skule Nite), and Dark Fantasy (the kickline), as well as a group of musicians to play for the entire show.

Two of the members of the cast journeying to Montreal are also participating in AVR, being presented at the same time. As a result of the conflict in timetables, they are flying back from Montreal immediately following the Revue. Gracious thanks are accorded TCA for arranging their timetables to fit these plans.

What's that? Oh yes, there will be a big bonfire, a marshmallow roast, a sleigh-ride, fireworks and a big round and square dance in the barn in the evening.

This gentlemen, will be the 1958 Winter Carnival — sounds pretty interesting, doesn't it.



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for positions in Eastern and Western Canada with staff and operating departments.

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Company information is available in the Department Libraries.

Interviews are now being booked in the Council Room, Mining Building



Engineering Athletic Colours

In addition to several special awards, the Engineering Athletic Association makes the following general awards: The Athletic "S" and the Bronze "S". These colours are awarded on a point basis so that it is possible to earn them without being on winning Junior or Senior School teams.

All the awards and the colours are presented at the Annual "S" Dance, held each spring, which is free to all award winners and colour winners and previous "S" winners.

The following is the method of awarding athletic colours as reported from the Constitution of the Athletic Association.

Method of Making Awards

1) Engineering Colours, including the Athletic "S" and the Bronze "S" will be earned on a point system. For the Athletic "S", fifteen (15) points will be required. For the Bronze "S", forty (40) points will be awarded for both participation and for other qualifications which are fulfilled. Points will be allotted to students as provided in the following schedule.

2) For this purpose, intramural sports are divided into two classes:

Division A — Team sports, Group (i) — Major team sports—rugby, hockey, soccer, major basketball, lacrosse, major volleyball.

Group (ii) — Minor team sports—minor volleyball, minor basketball, water-polo, squash.

Division B — Tournament type sports—Track (indoor and outdoor), swimming, harrier, golf, wrestling, fencing, gymnastics, tennis, skiing, badminton.

3) In Division A, Group (i) to those who have played in at least 60% of the games, 4 points.

Group (ii), to those having played at least 60% of the games, 1 point.

In Division B, to those having participated in any interfaculty tournament in the above sports, 1 point per year.

4) To a member of a championship interfaculty team in Division A: Group (i) 8 points; Group (ii) 6 points.

5) To a member of a finalist interfaculty team of Division A: Group (i) 6 points; Group (ii) 3 points.

6) To a participant in a final senior meet in track, swimming, skiing and gymnastics, points will be awarded as follows per event: First—4, Second—3, Third—2.

7) Participants in a final junior meet in track, swimming, skiing, and gymnastics will receive points as follows per event: First—3, Second—2.

8) Participants in senior harrier and golf will be allotted points as follows: Placing in the first three—8 points; 4th, 5th or 6th—6 points; 7th, 8th, 9th or 10th—4 points.

9) Participants in junior harrier and golf will be allotted 6, 4, and 2 points for the placing given in (8).

10) Participants in senior tennis, squash, and badminton tournaments will be awarded 8 points for a championship, 6 for a finalist, and 4 for a semi-finalist, and 2 for a quarter finalist.

Participants in junior tennis, squash or badminton will be awarded 6, 5, 3, and 2 points for placing as indicated in the senior competition.

Additional points for placing in tennis doubles will be awarded as follows: 4 points for senior champs, 3 for junior champs, 3 and 2 points for senior and junior finalists respectively, 2 and 1 points for senior and junior semi-finalists.

11) Participants in final intramural meets in wrestling will get 8 and 6 points for a senior and junior championship respectively, while the finalists get 6 points in senior competition, and 4 in junior.

12) Participants in final intramural meets in fencing will receive 4 points for a senior championship, 2 for a junior championship. Senior finalists will receive 2 points.

13) Participants in Division B

sports will not receive points for entering if they score points by placing in the events.

14) Winners of the Varsity colours: First "T"—10 points; Second "T"—8 points; Third "T"—5 points.

15) Managers of any intercollegiate team will receive 3 points.

16) Managers of Major League Interfaculty teams shall receive 2 points and managers of minor league teams shall receive 1 point only.

17) On a unanimous vote of the executive, an Engineering Athletic "S", or a Bronze "S", or any number of points under ten, may be awarded to any Engineering student on the basis of such merit as:

(a) An official coach of any engineering team, particularly a championship team.

(b) A team manager having shown outstanding ability.

(c) A member of the executive having shown outstanding ability.

18) A student will be allowed a maximum of 10 points in any one sport per year except in track and harrier, where a maximum combined total of 15 for the two will be allowed. A maximum 10 can be earned in any one of indoor track, outdoor track or harrier.

19) When a student fails his year, his award of points for that year will be withheld. When he has passed that year, an award of points shall be made and it shall be either the number of points he earned the year he failed, or the number the year he passed, whichever shall be the larger.

20) Where a student in any academic year plays on an intercollegiate team and also on an interfaculty team in the same sport, he shall not be entitled to points for his membership on both teams. He may score only the larger of the two numbers of points allotted for participating on these teams.

Sporttoike

By FRANK WAWRYCHUCK

Once again, awards night is coming around. Following close upon the heels of the Skule At-Home and the Grad Ball, the "S" dance and awards night at the Embassy on March 6, puts the cap on the "activities" schedule before the exam grind starts. On this night, Skulemen receive some recognition for their athletic achievements.

Elsewhere, (on Page 5), is found the point schedule for the awarding of the Athletic "S" and the Bronze "S". The application forms for these awards should be made out immediately.

Other awards made include:

Executive Keys — presented to those graduating students who have served on the Executive during their undergraduate years.

Manager Keys — presented to those graduating students who have served as managers of teams during their undergraduate years and have been approved by the Executive of the year in which they managed a team.

Coaches Keys — presented to those graduating students who have served as coaches of teams during their undergraduate years and have been approved by the Executive of the year in which they coached a team.

Special Bronze "S" — voted a graduating student by his classmates who, in their opinion, has contributed most to the University and Faculty athletics.

Phene Memorial Trophy — awarded to the member of Senior Skule rugby team selected by his team-mates as the most outstanding player of the year.

Barbour Memorial Trophy — awarded to the member of the Junior Skule rugby team selected by his team-mates as the most outstanding player of the year.

Class of 271 Trophy — presented to the third year engineering student judged most outstanding as regards unselfish participation in sport, character and leadership, and scholastic attainment.

J. R. Gilley Trophy — presented to the outstanding freshman athlete, as selected by the members of the freshman year.

R. H. Perry Trophy — awarded to the member of the track teams (harrier, indoor and outdoor track or field) who accumulates the most Reed Trophy points for Engineering.

Engineering Society Trophy — presented to the outstanding S.P.S. basketball player, who has the qualifications of ability, team-play, and sportsmanship.

Chancellor Cody Memorial Trophy — awarded to the most outstanding coach or manager of an Engineering Interfaculty team.

Members of the Senior and Junior Football teams who have neglected to vote for the "outstanding player" awards may yet do so by immediate application in the Engineering Stores.

Basketball

SENIOR SKULE

The Sr. Skule basketball team has gotten off to a slow start this year and at the present time sport a 1-1 record. In the first game of the year they squeezed by Vic 1 by a score of 51-50 and then lost to St. Mike's A's 47-31 in a very sloppy exhibition. The team played probably their worst ball in recent years and it is expected that after getting this game out of their system they will give a good account of themselves.

The league is considerably stronger this year with Meds and U.C. coming up with very good squads.

The Skule team has been weakened by the loss of Jerry Wojdon and Dave McGaughey who are now playing for the Varsity Blues but have been strengthened by the addition of Ed Burzina, and intermediate Blues' star, Veteran performers back again with the team are Hank Galka, George Holm, Gil Bambers, Serge Pellegrini, Frank Wawrychuk and Harry Seegmiller. Newcomers to the team are Ed Bugar, John Bray and Al Shaw.

Coach Bill MacKay held a practice Friday morning and reports that he has ironed out a lot of the kinks.

—P.C.

S.P.S. VI

The S.P.S. VI's is a team with considerable potential. The trouble is, potential is all they have. By 1960, provided we all survive, we may have enough practice and be in good enough shape to match our major league opponents. But our games are this year so we'd better get out and play ball. As far as height is concerned we have Swindon and Karger to control the backboards. Chronowich, with his speed and smooth underhand lay-up can match any opponent, basket for basket. When Schofield and Russell start hitting from the corner, we don't look too bad. Rae and Stevens can count from quarter court if lady luck smiles at them.

Well, you may ask, why have your "stars" not been winning any games?

Good reason, we don't play on paper, we play in Hart House gym. Eight o'clock practices are quite hard to make especially if you have been a wooing the weekend before. You can't do everything you know. Just try it. We're trying.

I wish all of you would get over to Hart House and cheer this team along with all the other S.P.S. ers.

—J.F.

Grad Ball Values Soar

Here is what you get for the price of one ticket.

Dinner and Wine	\$8.50
Favours	\$2.83
Entertainment	\$3.00
Incidentals	\$1.70

Hockey

Jr. Skule continued on its rampage of Group II with a convincing win over V.C. II. John Gatten and John Way led the team in goal scoring while sparkling performances were turned in by Bruce Ross and George Rush. Doug Towers and Jim Domm have been outstanding defense stalwarts. Coach Bruce Witson has had the team practising regularly hoping to finish the schedule without a loss. The team was bolstered by the fact that intermediate players can play inter-faculty hockey and also that they didn't lose anybody in the first year Christmas rush. Sr. Skule continued on its way, too.

S.P.S. III under the coaching of Sam Clements have had some tough luck this year with a couple of close losses. Geoff Oliver, Bob Dawson and Ron Stee have turned in good games for the team, although it is pretty well out of the playoff picture.

S.P.S. V coached by John Patterson have had some fine efforts turned in by Jay Quartz, Kim Shikage and Laurence Leet.

S.P.S. VI and S.P.S. VII are fighting it out in the last group and it would not be surprising to see both teams finish one-two in the group, although Dents and VC III are right in the thick of the battle.

Skule IV

The Skule IV's got off to a poor start this year, losing games to Vic III's, 2 to 1, and to St. Mike's B's, 8 to 1. Then Dave Reynolds, II Eng. Physics, took over the net-minding chore and turned in standout games to defeat Skule III's, 5 to 2, and Vic III's, 4 to 1.

By winning the remaining two games, the team can do no worse than tie for first place. The management feels that this will be an easy task, if it continues to get the usual fine performance from defencemen Gore, Sparks and Lean, and hard-working centre Morton, along with steady work from the rest of the team.

—D. J. L.

Water Polo

This season Skulemen have responded lively to the call of inter-faculty sports and Water-Polo has benefited by this response more than any other year prior. We have entered six teams, one in each of six divisions, and at the present time seem to be doing quite well.

There is one glaring drawback to all this and that is the fact that many of the boys are not watching the schedule too closely, thereby missing games and causing their teams to loose by default or lack of men. May we remind them that at least six men of every team must be present for a game not to be defaulted. How about it fellows — keep skule in the Reed trophy race; every point counts.

This year the Firsts are doing reasonably well having a loss, one win record. The loss came at a time of some tests and the key members of the team were not able to play but with a full complement trounced a good team from Architecture in the second game.

Come out at noon when games are scheduled. The men to watch for are Art Binner, a too lucky Hungarian; Jim Boase and Rob McLeary. You will see first class games and help skule to win the Reed with your support.

6TO

Memo: To 6TO.
Subject: 6TO's Mad Ball.
Location: Embassy Club.
Date: Wed., Feb. 19th, 1958.

6TO's Mad Ball

Dear 6TO Skulemen:

You are cordially invited to attend 6TO's MAD BALL to be held on Wednesday, February 19, 1958, commencing at 9:00 p.m. The dance is at the Embassy Club.

The only requirement is a ticket which you will be able to obtain from your class rep. for the nominal fee of \$1.50. This reasonable price is available through the generosity of the Engineering Society who are supporting your dance to the tune of \$100. Because of their benevolence you will be able to enjoy the best in dancing and entertainment without digging deeply into your own pocket.

With due respect to the various clubs much more common ground exists on a year level where fellows are the same age and have

Squash

The squash teams from Skule are holding their own in league play. The Jr. S.P.S. team has the best record in the second group. Manager Bruce Robb, Harmer, Treasurer, and Johnson may take Jr. Skule to the championship.

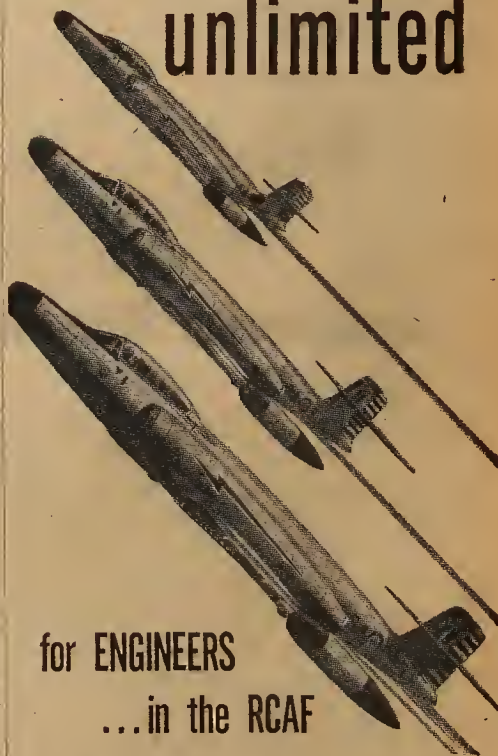
Clewes, Mabey, Birta, and Dabrowski of Senior S.P.S. and Taylor, Remillard, Pinkham, and Wilkinson of the Thirds should be expected to have their teams in the finals.

—S.C.

approximately the same interests. So, my friend in 6TO, this is your opportunity to prove this true. Get a group of fellows in your class together and let's make this the biggest social smash of the season.

—J. C. McCartney

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The engineering officer is afforded unusual opportunities to exercise his initiative and ingenuity. From the very beginning he is more than a technical specialist, he deals on a management level not only with professional problems but with people.

The opportunity to become one of this select group sharing the challenge, the satisfaction, the prestige and the companionship, is offered to graduates in the following university courses:

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For full particulars about the opportunities for engineers, contact your RCAF resident Staff Officer located on your campus. He will also provide details of financial assistance plans available to university students.

Your local RCAF representative is:



Royal Canadian Air Force

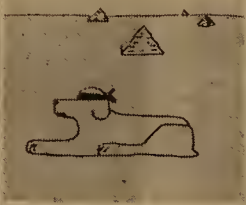
SKULE "S"

Applications for the Athletic "S" and Bronze "S" should be made out immediately. "S" point forms are available in the Engineering Stores.

BLINDED DOG REAPPEARS

Accompanying the class of 6T1, the infamous Blinded Dog made his reappearance. The Blinded Dog has played an important part in the history of the world, appearing every now and then, whenever the world situation seems to demand it. In an exclusive interview with Toike Oike, he said that he had come to Skule as it was here that the leaders of the world were formed, and he hoped to pick the cream of the crop to become his lieutenants before they were all grabbed off by industry. B. D. said that he had just come from Hollywood, where he has been visiting friends.

Blinded Dog was apparently the greatest hero of Ancient Egypt, because while they built huge pyramids to the pharaohs, B. D. rated a huge statue.



His name is found frequently in hieroglyphics, along with his portrait, and this has led many anthropologists to consider B.D. the key to the secrets of ancient Egypt. (B.D. insists that, while he had a great deal to do with ancient Egypt, he has absolutely nothing to do with Nasser, and says that at any rate, Egypt is pretty small potatoes, nowadays, anyway.)



Again and again throughout the course of history, the Blinded Dog appeared to guide people along the right path. Remember the assassination of Caesar?



As B.D. was quite modest about his history, some engineers were retained by Toike Oike to find out as much as they could about him. They found that archaeologists have traced him back to the caves of the cro-magnon and neolithic men. The important part which he must have played in their lives is illustrated by the numerous pictures of him which have been found on the cave walls.



Evolutionists since the time of Darwin have wondered if the Blinded Dog is the "missing link". This theory is not generally accepted however, as it seems the Blinded Dog has been around since the time of the Creation.



Little is known about the arrival of B.D. in America, but it is generally accepted that he commissioned "Left The Lucky" to bring him over. He obviously felt it was time that Europeans were introduced to the New World.



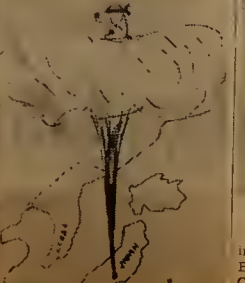
He then traveled to the West Coast, and spent some time showing the Indians out there how to catch salmon. In honour of this, his likeness now adorns the top of many Totem Poles.



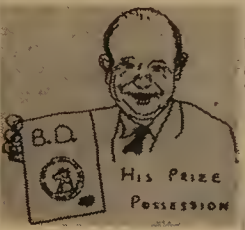
For a long time, he was content to let things go along in their natural manner. Some time ago, he helped to organize the Royal Canadian Mounted Police, and it is mainly due to his efforts that they enjoy the reputation that they do. Indeed, several Mounties once said in admiration, "B. D. always gets his man!" In his usual retiring manner, however, B. D. persuaded them to say in the press conference that "A Mountie always gets his man", and so it was in this form that it was released to the public.



Blinded Dog has always taken an interest in scientific advancement, and was on hand for the explosion of the first A-Bomb at the end of World War II.



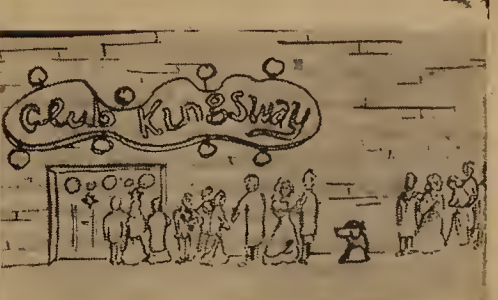
While it is generally quite hard to get much news from Russia, they seem quite anxious to let the world know that Nikita Khrushchev was given an audience with the Blinded Dog. It is rumoured that B. D. gave Nikita a gift



and that Nikita returned the favour.

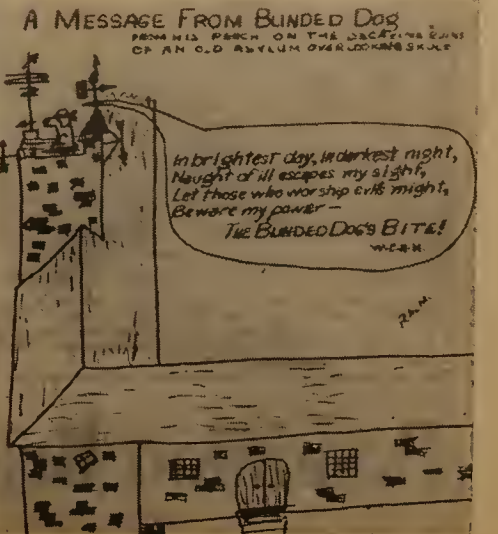


And now the Blinded Dog has appeared at Skule! Posters have appeared inviting Skulemen to join the "Order of the Blinded Dog." Unfortunately, many imitations have appeared, and while the perpetrators of these hoaxes are being dealt with individually (and collectively) it is wise to remember, none are genuine unless they bear this seal.



One last thing, Blinded Dog is aware that there may be skeptics in this faculty, and while he can't waste his time visiting each one of us, he said that he would be happy to be the chaperone at the

Skule At-Home, thus giving everyone a chance to get acquainted. So, that's the story of the Blinded Dog. Maybe at the Club Kingsway tomorrow night he will let us know what is in store for the world in the near future.



Credits for the research and interview for this article on long-suffering B. B. B. M. Blinded Dog go to Katherine and Georgia Battle, Pete Tomlinson, E. L. Brown, J. S. Mills, and our (blinded, beer-burning, business manager).

Solving Engineering Problems



UNIQUE SEAWAY PROJECT is the permanent raising of the southern end of Jacques Cartier bridge, Montreal, and the replacement of one span without interrupting vehicular traffic. This will provide a minimum clearance of 120 feet for shipping in the seaway canal.

EXPANSION brings diversified engineering problems as in these recent examples.

In every Province and in every major industry, Dominion Bridge engineers are making important contributions to Canada's phenomenal growth.

To help Canada's expansion, Dominion Bridge has embarked on its own four year expansion programme which will have the effect of increasing the Company's overall capacity by 40%.

There are always openings at Dominion Bridge Company for enterprising graduates who are planning a career in steel construction.

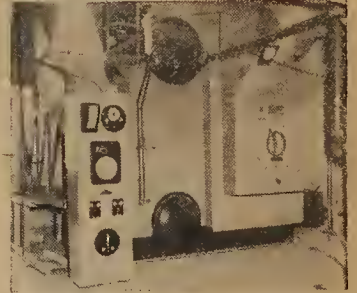
MODERN TREND IN CRANES. Completely enclosed 300-ton gantry crane—the largest ever built in Canada—was designed and fabricated by Dominion Bridge for the Canadian half of the St. Lawrence Power Project.

CANTILEVER BRIDGE IN THE WEST. The Second Narrows bridge over Burrard Inlet at Vancouver. 16,600 tons of steelwork will be required for this new 6-lane bridge. With its centre span of 1100 feet, it will be the second longest cantilever bridge in Canada.

Photo courtesy Ontario Hydro



DOMINION BRIDGE COMPANY LIMITED. Plants: MONTREAL • OTTAWA • TORONTO • SAULT STE. MARIE • WINNIPEG • CALGARY • VANCOUVER
Assoc. Company Plants: AMHERST, N.S.: Robb Engineering Wks., Ltd. QUEBEC: Eastern Canada Steel & Iron Wks. Ltd. WINNIPEG: Manitoba Bridge & Eng. Wks., Ltd. EDMONTON: Standard Iron & Eng. Wks., Ltd.



MODERN TREND IN BOILERS. Newly developed Dominion Bridge water tube package unit boilers are shop assembled and shipped complete to the site ready for connection to electrical, water and steam lines.

17-STORY ADDITION. The Royal York Hotel, Toronto. The largest in the Commonwealth, this structure is being further expanded by a 17-story 400-room addition shown at right. Altogether some 20,000 tons of steel have been fabricated and erected by Dominion Bridge for this project.



SUSPENSION BRIDGE IN THE EAST. The Halifax-Dartmouth bridge, with its main span of 1447 feet and total length of 4420 feet, is the second largest of its type in the Commonwealth—surpassed only by the Lion's Gate bridge, Vancouver, also built by Dominion Bridge.

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